

6           d. a plurality of video imagers on the gaming table, the video imagers coupled  
7           to the video multiplexer, and each of the plurality of video imagers directed  
8           to a predetermined wagering location on the table;

9           e. a chip recognition system in the central computer to determine the value of  
10          the wagers in each of the wagering locations, the recognition system  
11          including an algorithm which takes into account multiple image component  
12          planes selected from the group consisting of:

13              [i. red, green, and blue,]  
14              [ii.]i hue, saturation, and lightness,  
15              [iii.]ii particle analysis correlation; and  
16              [iv.]iii a combination [i., ii., and/or iii.] i and/or ii;

17           f. a platform on the table above and adjacent to the predetermined wagering  
18          locations wherein each of the plurality of video imagers is located below the  
19          platform;

20           g. an arcuate wall extending between the platform and the table, the arcuate wall  
21          defining apertures therethrough, the video imagers positioned behind the  
22          arcuate wall and directed through the apertures; and

23           h. a light below the platform and directed to each of the wagering locations, the  
24          light providing illumination projecting from the arcuate wall from below the  
25          platform laterally toward a predetermined gaming location.

2-3. (Canceled)

4. (Amended) The tracking system of claim 1, wherein the light is positioned within a recess beneath the platform.

5. (Original) The tracking system of claim 1, further comprising a trigger coupled to the multiplexer to initiate operation of the system.

6. (Original) The tracking system of claim 1, further comprising a data input means to uniquely identify a gambler to the tracking system.

7. (Original) The tracking system of claim 6, wherein the data input means comprises a magnetic card stripe reader.

8. (Original) The tracking system of claim 1, further comprising data input means for inputting alpha-numeric data manually into the central computer.

9. (Original) The tracking system of claim 1, further comprising means for determining which of the wagering locations is active.

10-16. (Canceled)

17. (Added by Amendment) The system of claim 1, wherein the light is underneath the platform.

1       18. (Added by Amendment) The system of claim 1, wherein the table defines a  
2 substantially flat side and a arcuate side, and wherein the table further defines a dealer  
3 location along the substantially flat side and a plurality of gamer locations along the arcuate  
4 side.

1       19. (Added by Amendment) The system of claim 18, wherein each of the plurality  
2 of video imagers is directed from a point adjacent one of the plurality of gamer locations  
3 generally in the direction of the dealer location.

1       20. (Added by Amendment) The system of claim 1, wherein the predetermined  
2 wagering location is adapted to support a stack of wagering chips, including a bottom chip,  
3 and wherein the light illuminates the stack of wagering chips, including the bottom chip.